

Summary of Diseases Affecting Michigan Wildlife

2006

Abrasion

Corneal
White-tailed Deer

Abscess

Articular
White-tailed Deer

Airsac
Wild Turkey

Cardiac
White-tailed Deer

Cranial
White-tailed Deer

Hepatic
White-tailed Deer

Muscular
White-tailed Deer, Eastern Fox Squirrel, Blue Jay

Ocular
White-tailed Deer, Eastern Fox Squirrel

Pineal
White-tailed Deer

Pulmonary
Purulent
Focal
White-tailed Deer

Unspecified
Moose, White-tailed Deer, House Sparrow

Sinus
White-tailed Deer

Skeletal

White-tailed Deer

Splenic

White-tailed Deer

Subcutaneous

American Woodcock

Unspecified

Moose, White-tailed Deer, Raccoon, Snowshoe Hare, Eastern Fox Squirrel,
Common Loon, Double-crested Cormorant, Wild Turkey, Mourning Dove, Rock
Dove, House Finch

Airsacculitis

Fibrinous

American Robin

Fungal

American Robin

Unspecified

Bald Eagle, Double-crested Cormorant, Rock Dove, Sora Rail, American Crow,
Red-winged Blackbird, Cedar Waxwing, House Sparrow

Arthritis

White-tailed Deer

Ascites

White-tailed Deer, Raccoon

Aspergillosis

White-tailed Deer, Red-tailed Hawk, Trumpeter Swan, Mute Swan, Tundra Swan,
Common Loon, Red-breasted Merganser, Herring Gull, American Crow, Blue Jay

Atelectasis

Pulmonary

Common Grackle

Blindness

Bilateral

White-tailed Deer

Possible

Gray Wolf

Unilateral

White-tailed Deer

Blockage/Obstruction

Intestinal

Long-eared Owl, Common Loon

Botulism

Type C

Mallard, Blue-winged Teal

Type E

Common Loon, Double-crested Cormorant, White-winged Scoter, Red-necked Grebe, Horned Grebe, Herring Gull, Ring-billed Gull, Common Tern, Semipalmated Sandpiper

Unknown/Possible

Double-crested Cormorant, Mallard, Ring-billed Gull, Great Blue Heron

Bronchopneumonia

Bacterial

Suppurative

Acute

Multifocal

Severe

White-tailed Deer

Fibrino-Suppurative

Acute

Severe

White-tailed Deer

Moderate

Elk

Unspecified

White-tailed Deer

Cataract(s)

Bilateral

White-tailed Deer

Unilateral

White-tailed Deer

Cecitis (Typhlitis)

Bacterial

Ulcerative and Necrotizing

Multifocal

Moderate

Blue-winged Teal

Hemorrhagic

Mute Swan

Necrotizing

Wild Turkey

Colibacillosis

Mallard, Sora Rail

Congestion

Hepatic

American Coot, Eastern Bluebird

Pulmonary

Diffuse

White-tailed Deer, White-throated Sparrow

Unspecified

Moose, White-tailed Deer, Coyote, Raccoon, Eastern Fox Squirrel, Hoary Bat, Little Brown Bat, Cooper's Hawk, Canada Goose, Double-crested Cormorant, American Coot, Pied-billed Grebe, Ring-billed Gull, Sora Rail, Common Grackle, Wood Thrush, Eastern Bluebird, American Goldfinch, Purple Finch, House Finch, House Sparrow

Splenic

Severe

Great Blue Heron

Vascular

White-tailed Deer

Conjunctivitis

House Finch

Cryptitis

Necrotizing

Marked

Raccoon

Cyst

Nephritic

White-tailed Deer, Raccoon

Cysticercosis

Hepatic (*Taenia hydatigena*)

White-tailed Deer

Pleural (*Taenia hydatigena*)

White-tailed Deer

Pulmonary (*Echinococcus granulosus*)

Moose, White-tailed Deer

Deformity

Congenital

Skeletal

White-tailed Deer, Eastern Gray Squirrel

Dehydration

White-tailed Deer, Gray Wolf, Raccoon, Eastern Gray Squirrel, Big Brown Bat, Bald Eagle, Osprey, Red-tailed Hawk, Red-shouldered Hawk, Cooper's Hawk, Northern Harrier, American Kestrel, Snowy Owl, Great Horned Owl, Barred Owl, Trumpeter Swan, Mute Swan, Canada Goose, Common Loon, Double-crested Cormorant, Herring Gull, Ring-billed Gull, Great Blue Heron, Sharp-tailed Grouse, Mourning Dove, Common Raven, American Crow, Common Grackle, Blue Jay, American Robin, European Starling

Depletion

Lymphoid

Diffuse

Marked

Splenic

Gray Fox

Splenic

Green-winged Teal

Dermatophytosis (Ringworm)

Red Squirrel

Detachment and Degeneration

Retinal

Canada Geese

Disease

Periodontal

White-tailed Deer

Distemper

Canine

Gray Fox, Raccoon, Striped Skunk

Drowning

Raccoon, Bald Eagle, Screech Owl, Trumpeter Swan, Canada Goose, Common Loon, Double-crested Cormorant, Mallard, White-winged Scoter, Red-breasted Merganser, American Coot, Red-necked Grebe, Horned Grebe, Common Tern, Great Blue Heron, Common Grackle, Barn Swallow, European Starling, House Sparrow

Edema

Pulmonary

Diffuse

Eastern Fox Squirrel

Unspecified

White-tailed Deer, Gray Wolf, Red Fox, Gray Fox, Raccoon, Striped Skunk, Eastern Fox Squirrel, Hoary Bat, Big Brown Bat, Little Brown Bat, Bald Eagle, Osprey, Red-tailed Hawk, Red-shouldered Hawk, Great Horned Owl, Trumpeter Swan, Mute Swan, Double-crested Cormorant, American Coot, Horned Grebe, Pied-billed Grebe, Ring-billed Gull, Great Blue Heron, Mourning Dove, Rock Dove, Sora Rail, Pileated Woodpecker, Hairy Woodpecker, Downy Woodpecker, Common Raven, American Crow, Common Grackle, Red-winged Blackbird, Blue Jay, Northern Cardinal, Wood Thrush, American Robin, Scarlet Tanager, Eastern Bluebird, European Starling, Common Redpoll, American Goldfinch, Purple Finch, House Finch, Finch, Philadelphia Vireo, Pine Siskin, House Sparrow, Ruby-throated Hummingbird

Electrocution

Bald Eagle, Turkey Vulture, Snowy Owl, Great Horned Owl, Screech Owl, Canada Goose

Emphysema

Muscular

White-tailed Deer

Sub-Pleural

White-tailed Deer

Encephalitis

Nonsuppurative

Severe

White-tailed Deer

Endocarditis

Vegetative

White-tailed Deer, Bald Eagle

Endophthalmitis

Suppurative

Unilateral

White-tailed Deer

Enteritis

Bacterial

Fibrino-Necrotizing

Raccoon

Necrotizing

Subacute

Moderate

Mute Swan

Necro-Ulcerative

Multifocal

American Robin

Bacterial and Coccidial

Necrotizing

Acute

Blue Jay

Hemorrhagic

Extensive

Acute

White-tailed Deer

Unspecified

White-tailed Deer, Eastern Fox Squirrel, Mourning Dove, Blue Jay, Eastern Bluebird, Finch

Lymphoplasmacytic

Mild

Wild Turkey

Necrotizing

Bacterial

American Robin

Severe

Raccoon

Unspecified

Canada Goose, Common Loon, Common Grackle, American Robin

Ulcerative

Hemorrhagic

Verminous

Trumpeter Swan, Mute Swan

Unspecified

White-tailed Deer, House Mouse

Enterotoxemia/Corn Toxicity

Enterotoxemia

White-tailed Deer

Corn Toxicity

White-tailed Deer

Epicarditis

Mineralized

White-tailed Deer

Unspecified

Moose, White-tailed Deer, American Robin

Epizootic Hemorrhagic Disease

White-tailed Deer

Esophagitis

Necrotizing

Bacterial

American Robin, House Finch

Unspecified

House Finch

Exposure

Gray Wolf, Eastern Fox Squirrel, Squirrel, Mute Swan, Common Grackle, Cedar Waxwing, American Robin, Eastern Bluebird, House Sparrow

Failure

Cardiac

White-tailed Deer

Renal

Gray Wolf

Fascioloidiasis

Moose, White-tailed Deer

Gliososis

White-tailed Deer

Glossitis (Wooden Tongue)

Pyogranulomatous

Multifocal

White-tailed Deer

Granuloma

Muscular

Parasitic

Coalescing

Chronic

Marked

White-tailed Deer

Synovial

Parasitic

Coalescing

Chronic

Marked

White-tailed Deer

Hemorrhages

Agonal

Pulmonary

Diffuse

White-tailed Deer

Unspecified

White-tailed Deer

Unspecified

White-tailed Deer

Intramuscular

White-tailed Deer

Ocular

Diffuse

Bilateral

Canada Geese

Traumatic

White-tailed Deer

Hemosiderosis

Hepatic

Severe

Mallard

Renal

Moderate

Mallard

Hepatitis

Bacterial

Granulomatous

Multifocal

Wild Turkey

Periportal

Mild to Moderate

Subacute

Eastern Fox Squirrel

Moderate

Subacute

Mute Swan

Caseogranulomatous

Multifocal

Chronic

Cottontail Rabbit

Fibrosing and Eosinophilic (Parasite Migration)

Subcapsular

Chronic

White-tailed Deer

Multifocal

Mild

Subacute

Green-winged Teal

Necrotizing

Periportal

Acute

White-tailed Deer

Pyogranulomatous (Protozoal)

Multifocal

Elk

Suppurative and Caseous

White-tailed Deer

Hernia

Diaphragmatic

White-tailed Deer

Histomoniasis

Disseminated

Hepatic

Wild Turkey

Pancreatic

Wild Turkey

Unspecified

Wild Turkey

Hydrocephalus

Red-shouldered Hawk

Hydrocyst (Seroma)

White-tailed Deer

Hyperplasia

Biliary

Moderate

White-tailed Deer

Kupfer Cell (Hepatic)

American Robin

Hypertrophy

Cardiac

White-tailed Deer

Mucosal

Gizzard

Herring Gull

Splenic

American Robin

Infection

Bacterial

Septicemia

White-tailed Deer, Northern Cardinal, American Robin

Unspecified

White-tailed Deer, Mourning Dove, American Goldfinch, House Finch

Infestation

Louse

Chewing/Biting (*Trichodectes canis*)

Coyote, Gray Fox

Sucking

Snowy Owl

Tick

Moose

Ingluvitis

Bacterial

Necrotizing

Diffuse

Severe
American Robin

Subacute
Wild Turkey

Keratitis

Corneal
Bilateral
White-tailed Deer

Laminitis

White-tailed Deer

Malnutrition

Moose, White-tailed Deer, Gray Wolf, Red Fox, River Otter, Raccoon, Eastern Fox Squirrel, Eastern Gray Squirrel, Squirrel, Big Brown Bat, Bald Eagle, Osprey, Red-tailed Hawk, Red-shouldered Hawk, Cooper's Hawk, Northern Harrier, American Kestrel, Snowy Owl, Great Horned Owl, Barred Owl, Saw-whet Owl, Trumpeter Swan, Mute Swan, Canada Goose, Common Loon, Double-crested Cormorant, Mallard, Herring Gull, Ring-billed Gull, Great Blue Heron, Wild Turkey, Sharp-tailed Grouse, Mourning Dove, Rock Dove, Common Raven, American Crow, Common Grackle, Blue Jay, Cedar waxwing, American Robin, Eastern Bluebird, Purple Finch, House Finch, House Sparrow

Malocclusion

Eastern Gray Squirrel

Mange

Sarcoptic
Gray Wolf, Red Fox

Meningitis

Nonsuppurative
Mild
Bald Eagle
Moderate to Mild
Eastern Fox Squirrel

Suppurative
Subacute
Severe
White-tailed Deer

Meningoencephalitis

Lymphoplasmacytic
Subacute
Severe
White-tailed Deer

Neutrophilic-Lymphocytic
Severe
White-tailed Deer

Nonsuppurative
Moderate
Eastern Fox Squirrel

Suppurative and Eosinophilic
Moderate to Severe
Elk

Mineralization

Blood Vessels
Myocardial
Mild
White-tailed Deer

Mycoplasmosis

House Finch

Myiasis

Raccoon, Great Horned Owl, Common Grackle, Blue Jay, American Robin, American Goldfinch, House Sparrow

Myocarditis

Fibrosing
Multifocal
Chronic
Severe
Eastern Fox Squirrel

Mineralized

Fibrotic
Necrotic
White-tailed Deer

Myositis

Neutrophilic-Lymphocytic
Severe
White-tailed Deer

Necrosis

Fat
White-tailed Deer

Fibrinoid
Splenic
Green-winged Teal

Hepatic
Mallard

Nematodiasis

Cerebrospinal
Parelaphostrongylus tenuis
Moose, White-tailed Deer

Unspecified
Bald Eagle

Hepatic
Unspecified
American Crow

Intestinal
Acanthocephalids
American Robin

Ascaridia bonasae
Ruffed Grouse

Unspecified
Common Grackle, American Robin

Renal
Diectophyma renale
Mink

Respiratory
Syngamus sp.
Wild Turkey

Unspecified
Blue Jay

Sinus
Skrabingylus sp.
Striped Skunk

Nephritis

Interstitial
Subacute
Multifocal
Mild
Great Blue Heron

Suppurative
Bald Eagle

Suppurative and Caseous
White-tailed Deer

Unspecified
Great Horned Owl

Newcastle Disease

Double-crested Cormorant

Parvovirus

Gray Fox, Raccoon

Pericarditis

Moose, White-tailed Deer, Canada Goose, Sora Rail, American Robin, House Sparrow

Peritonitis

Egg Yolk
American Robin, Cedar Waxwing
Necrotic

Caseous

Common Grackle

Unspecified

White-tailed Deer, Common Loon, Mallard, Herring Gull, American Goldfinch,
Finch, House Sparrow

Pleuritis

Bacterial

Chronic

White-tailed Deer

Fibrino-Purulent

Chronic

White-tailed Deer

Chronic

White-tailed Deer

Fibrino-Suppurative

Chronic

White-tailed Deer

Purulent

Severe

White-tailed Deer

Unspecified

Moose, White-tailed Deer

Pneumonia

Bacterial

Suppurative

Chronic

White-tailed Deer

Unspecified

White-tailed Deer

Unspecified

White-tailed Deer

Bronchointerstitial

Suppurative to Pyogranulomatous

Chronic
White-tailed Deer

Interstitial
Moderate
White-tailed Deer

Mild
White-tailed Deer

Mild to Moderate
Acute
White-tailed Deer

Necrotizing
Caseous
Cedar Waxwing

Chronic
Severe
White-tailed Deer

Pyogranulomatous and Caseonecrotic
Multifocal to Coalescing
White-tailed Deer

Suppurative
Chronic
White-tailed Deer

Unspecified
White-tailed Deer

Unspecified
Moose, White-tailed Deer, Coyote, Red Fox, Gray Fox, Raccoon, Eastern Fox
Squirrel, Southern Flying Squirrel, Big Brown Bat, House Mouse, Bald Eagle,
Canada Goose, Downy Woodpecker, American Goldfinch

Poisoning

Iron
Chronic
Mallard

Lead
Acute

Bald Eagle, Mute Swan

Chronic

Bald Eagle, Trumpeter Swan, Mute Swan, Canada Goose, Mallard

Pox

Avian

Wild Turkey, Common Raven

Squirrel

Eastern Fox Squirrel, Eastern Gray Squirrel

Salmonellosis

Ring-billed Gull, Mourning Dove, Evening Grosbeak, Pine Grosbeak, Northern Cardinal, American Goldfinch, Purple Finch, Pine Siskin, Common Redpoll, Chipping Sparrow, House Sparrow

Sarcocystis/Sarcocystosis

Cardiac

White-tailed Deer, Bald Eagle

Muscular

Canada Goose, Mallard, Common Grackle

Scirrhosis

Pulmonary

White-tailed Deer

Sinusitis

Suppurative

White-tailed Deer

Splenitis

Pyogranulomatous

Multifocal

American Robin

Spontaneous Rupture

Of a Blood Vessel
Cranial
White-tailed Deer

Starvation

Snowy Owl, Barred Owl, Saw-whet Owl

Steatitis

Chronic
Localized
White-tailed Deer

Unspecified
White-tailed Deer

Stress

Due to Capture
White-tailed Deer, Sharp-tailed Grouse

Unspecified
Little Brown Bat, Eastern Bluebird

Suffocation

White-tailed Deer, Wild Turkey, Mourning Dove, House Finch

Torticollis

White-tailed Deer

Tracheitis

Fungal
Caseonecrotic
Severe
Tundra Swan

Trauma

Moose, Elk, White-tailed Deer, Black Bear, Gray Wolf, Red Fox, Gray Fox, River Otter, American Marten, Short-tailed Weasel, Striped Skunk, Raccoon, Woodchuck, Muskrat,

Cottontail Rabbit, Eastern Fox Squirrel, Eastern Gray Squirrel, Big Brown Bat, Bald Eagle, Peregrine Falcon, Red-tailed Hawk, Broad-winged Hawk, Rough-legged Hawk, Northern Goshawk, Cooper's Hawk, Sharp-shinned Hawk, Merlin, Snowy Owl, Great Horned Owl, Barred Owl, Saw-whet Owl, Trumpeter Swan, Mute Swan, Tundra Swan, Canada Goose, Common Loon, Double-crested Cormorant, Mallard, Bufflehead, Wood Duck, Ring-necked Duck, Red-breasted Merganser, Pied-billed Grebe, Herring Gull, Ring-billed Gull, Great Blue Heron, Sandhill Crane, Great Egret, Wild Turkey, Ruffed Grouse, Ring-necked Pheasant, American Woodcock, Mourning Dove, Rock Dove, Sora Rail, Pileated Woodpecker, Northern Flicker, White-breasted Nuthatch, Common Raven, American Crow, Common Grackle, Red-winged Blackbird, Brown-headed Cowbird, Evening Grosbeak, American Robin, Rufous-sided Towhee, Scarlet Tanager, Cedar Waxwing, Gray Catbird, Red-eyed Vireo, Eastern Bluebird, Tree Swallow, American Goldfinch, Purple Finch, House Finch, Pine Siskin, White-throated Sparrow, Fox Sparrow, House Sparrow, European Starling

Trematodiasis

Hepatic
Mallard

Trichomoniasis

Mourning Dove

Tuberculosis

Bovine
White-tailed Deer

Tumor

Carcinoma
Pulmonary
Metastatic
Disseminated
White-tailed Deer
Unspecified
White-tailed Deer

Fibroma

White-tailed Deer

Papilloma

Oral

Gray Wolf

Sarcoma

Histiocytic

Multifocal

Elk

Unspecified

White-tailed Deer

Ulcerations

Corneal

Bilateral

White-tailed Deer

Urolithiasis (Renal Gout)

Great Horned Owl

West Nile Virus

White-tailed Deer, Bald Eagle, Red-tailed Hawk, Rough-legged Hawk, Cooper's Hawk, Sharp-shinned Hawk, Great Horned Owl, Herring Gull, Great Blue Heron, Wild Turkey, Mourning Dove, Downy Woodpecker, American Crow, Common Grackle, Evening Grosbeak, Northern Cardinal, Blue Jay, Wood Thrush, American Robin, Eastern Bluebird, House Finch, House Sparrow